

ABSTRACT OF THE DISCLOSURE

[00032] The disclosed fastener installation apparatus includes a plurality of spaced parallel feed passages each communicating with a plunger passage in a moveable member and the fixed member includes a plunger assembly having a 5 plurality of spaced parallel legs which reciprocate through the plunger passages to simultaneously install a plurality of fasteners in a panel opposite the plunger passage. In one embodiment, the plunger assembly includes a body portion fixed to the fixed member and a plurality of integral parallel legs and a second embodiment having a plurality of separate spaced parallel plungers. Each plunger passage includes a 10 proximity probe having an end adjacent to, but spaced from the plunger passage eliminating wear or damage to the proximity probes during use.